



Main

Range	Vigirex
Device short name	IA80
Product or component type	Earth leakage current sensor
Device application	Equipment monitoring and control
Range compatibility	Vigirex RH plug-in relay
[Ie] rated operational current	160 A

Complementary

Current transformer type	A type closed toroid
Network type	DC AC
Network frequency	45...440 Hz
[Ui] rated insulation voltage	1000 V
Transformer ratio	1/1000
[Icw] rated short-time withstand current	100 kA / 0.5 s
Residual short-circuit withstand current	85 kA / 0.5 s conforming to IEC 60947-2
Overvoltage category	IV
[Uimp] rated impulse withstand voltage	12 kV
Mounting mode	Fixed cables Fixed plain backplate Fixed profiled sheet metal Fixed slotted backplate Clip-on DIN rail
Calorific value	3.19 MJ
Connections - terminals	Screw connection : $\geq 0.22 \text{ mm}^2$
Diameter	3.15 in (80 mm) (inner)
Cable outer diameter	1.57 in (40 mm): 0.15 in^2 (95 mm^2) (maximum)

Product weight	0.93 lb(US) (0.42 kg)
Height	4.8 in (122 mm)
Width	5.91 in (150 mm)
Depth	1.73 in (44 mm)

Environment

IP degree of protection	Connectors: IP20 IP30
Environmental characteristic	Exposure to damp heat not in service conforming to IEC 60068-2-30: 28 cycles 25...55 °C, RH 95 % Salt mist conforming to IEC 60068-2-52: Kb/2 Exposure to damp heat in service conforming to IEC 60068-2-56: 48 hours: category C2
Pollution degree	Level 3 conforming to IEC 60664-1
Ambient air temperature for operation	-31...158 °F (-35...70 °C)
Ambient air temperature for storage	-67...185 °F (-55...85 °C)

Ordering and shipping details

Category	01078 - DE2 MISC
Discount Schedule	DE2
GTIN	00785901718550
Nbr. of units in pkg.	1
Package weight(Lbs)	0.7199999999999999
Returnability	Y
Country of origin	FR

Contractual warranty

Warranty period	18 months
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